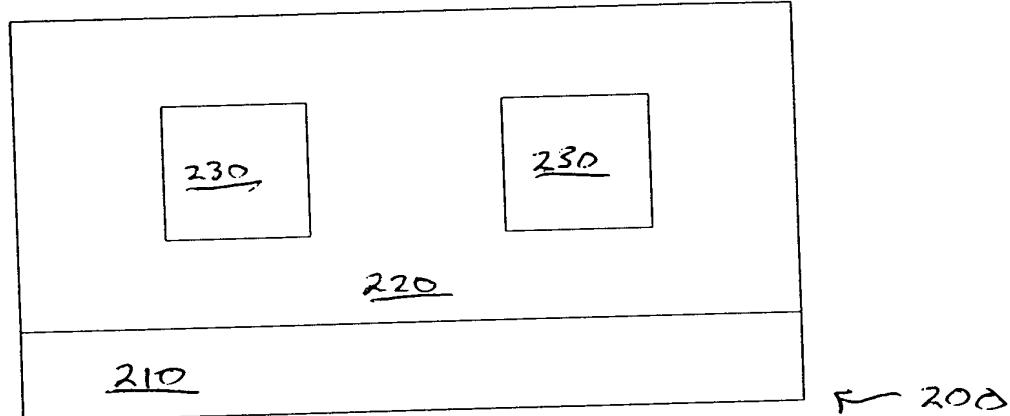
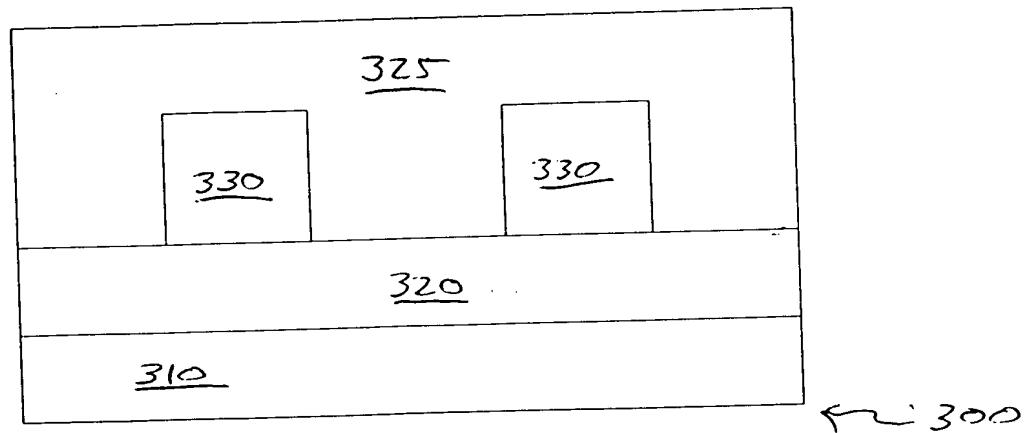


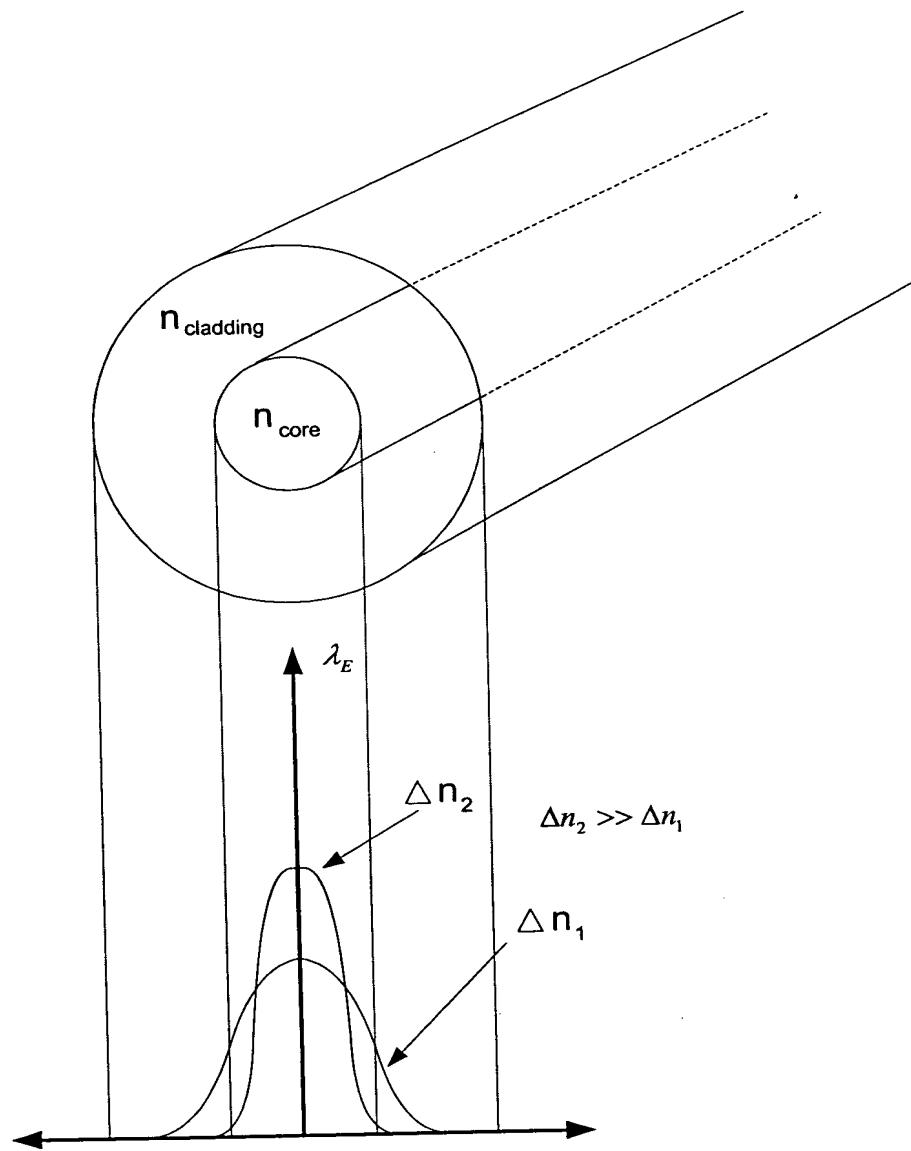
**Fig. 1**



**Fig. 2**



**Fig. 3**



**Fig. 4**

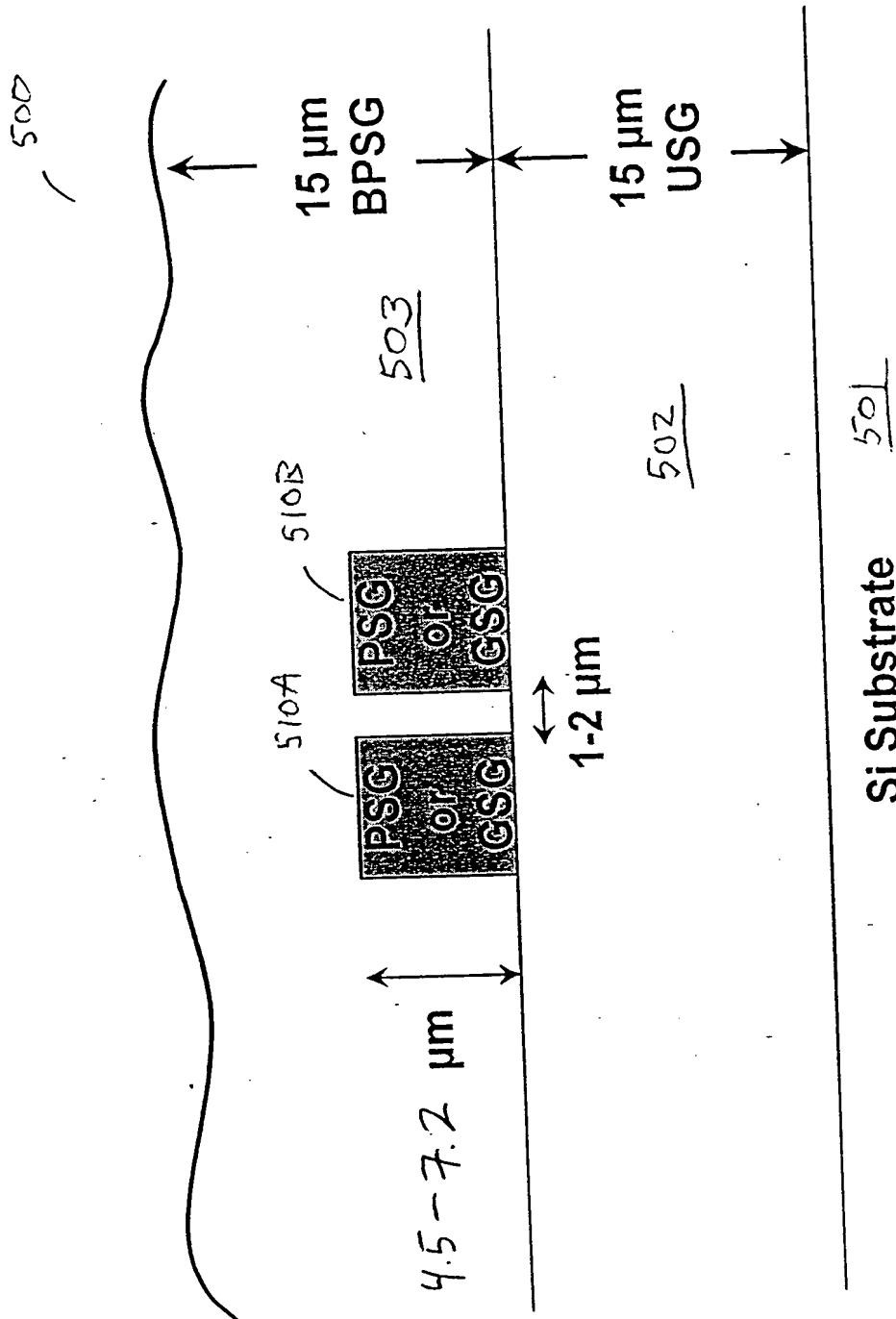


Fig. 5

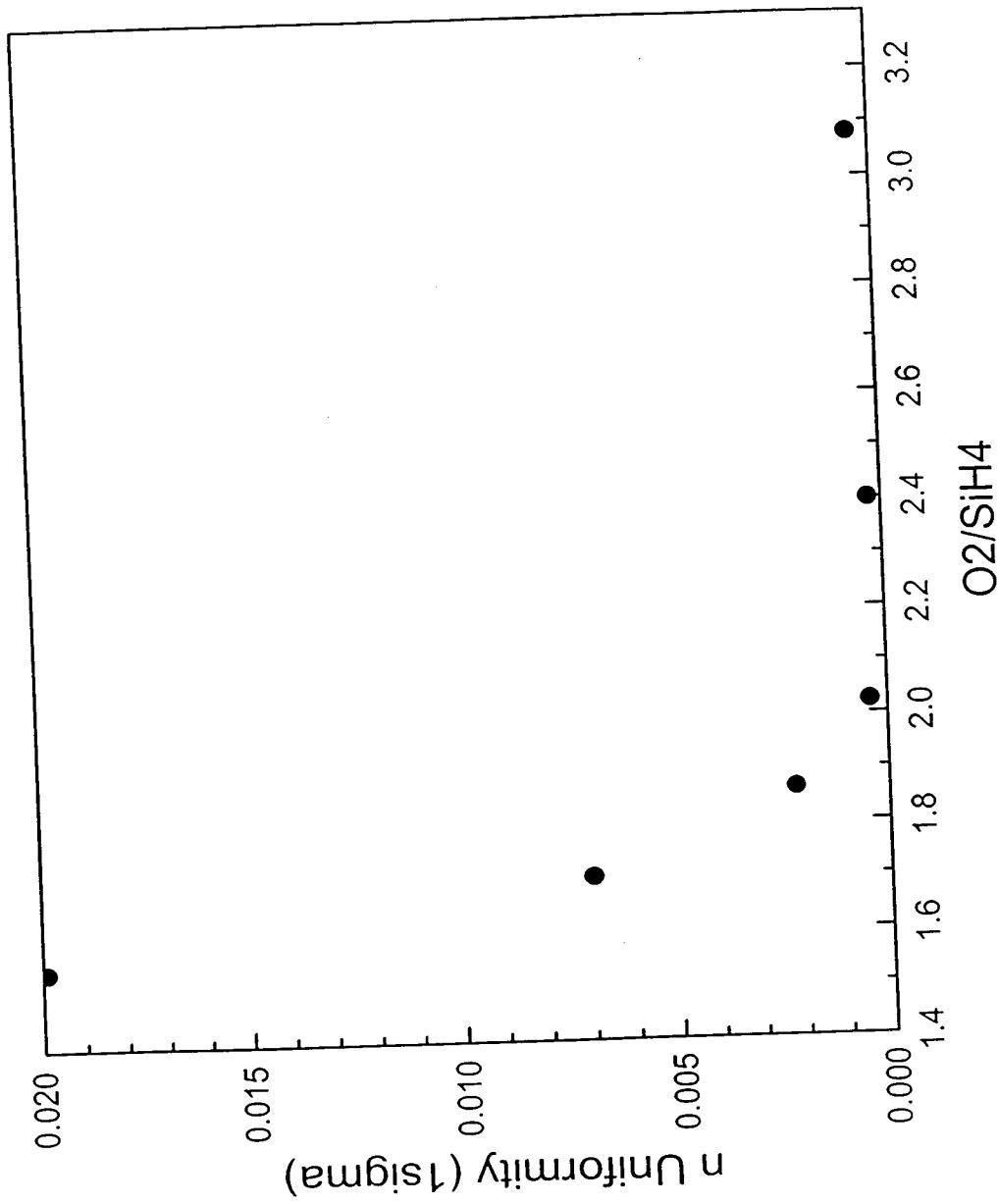


Fig. 6

710

**Fig. 7A**

720

710

**Fig. 7B**

730

720

710

**Fig. 7C**

730A

730B

720

710

**Fig. 7D**

725

730A

730B

720

710

**Fig. 7E**

810

**Fig. 8A**

820

810

**Fig. 8B**

821A

821B

820

810

**Fig. 8C**

830A

830B

820

810

**Fig. 8D**

825

830A

830B

820

810

**Fig. 8E**

Fig. 9  
Si Substrate

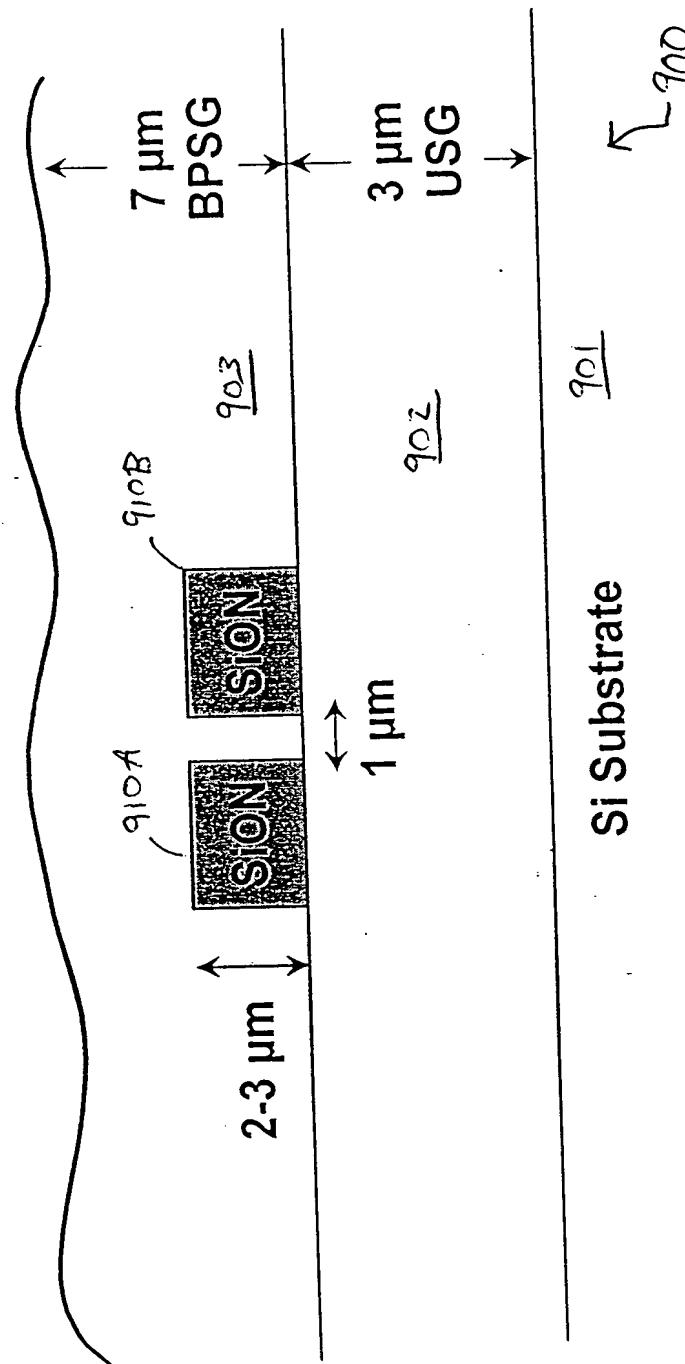


Fig. 9

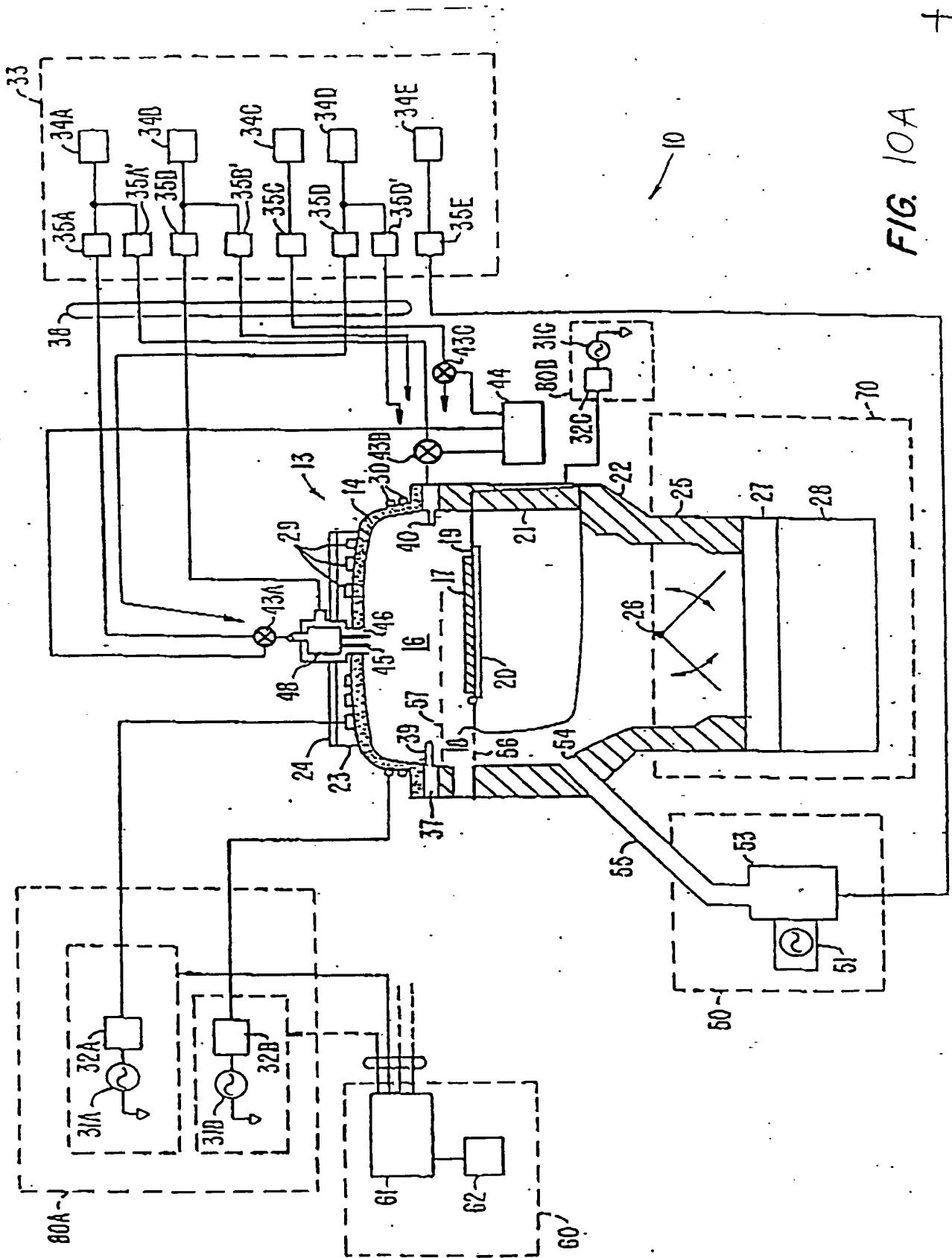
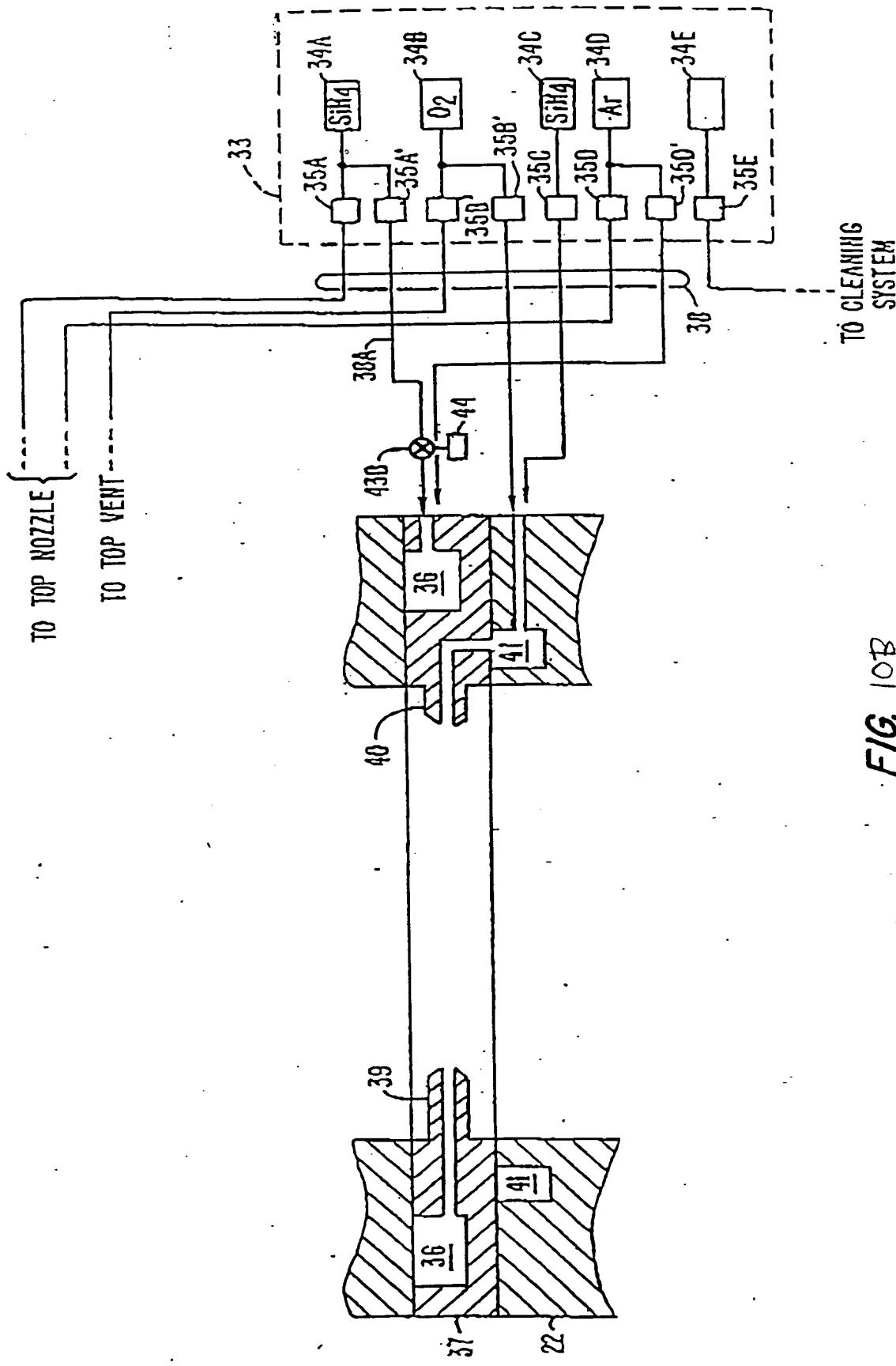


FIG. 10A

1



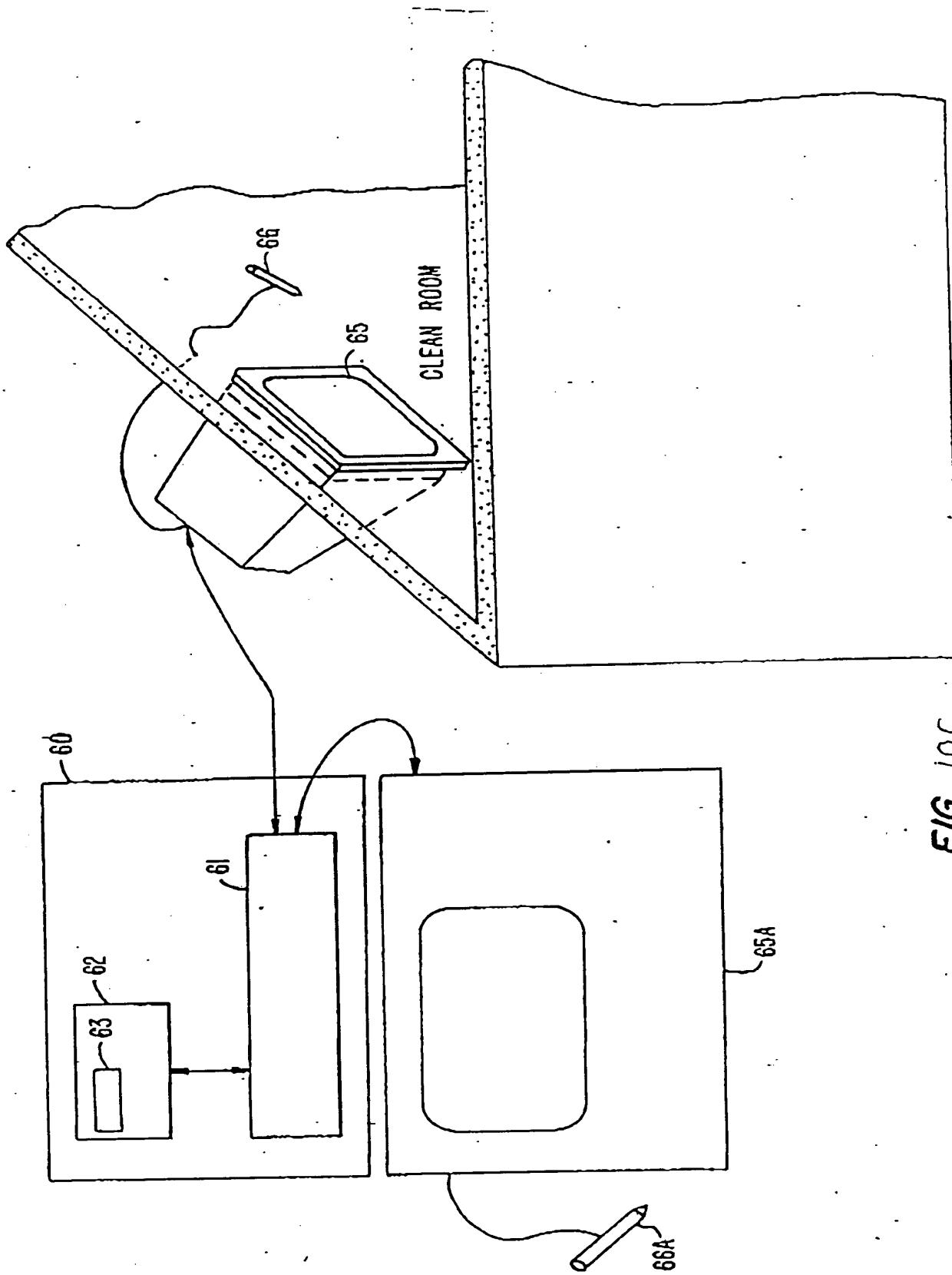


FIG. 10C

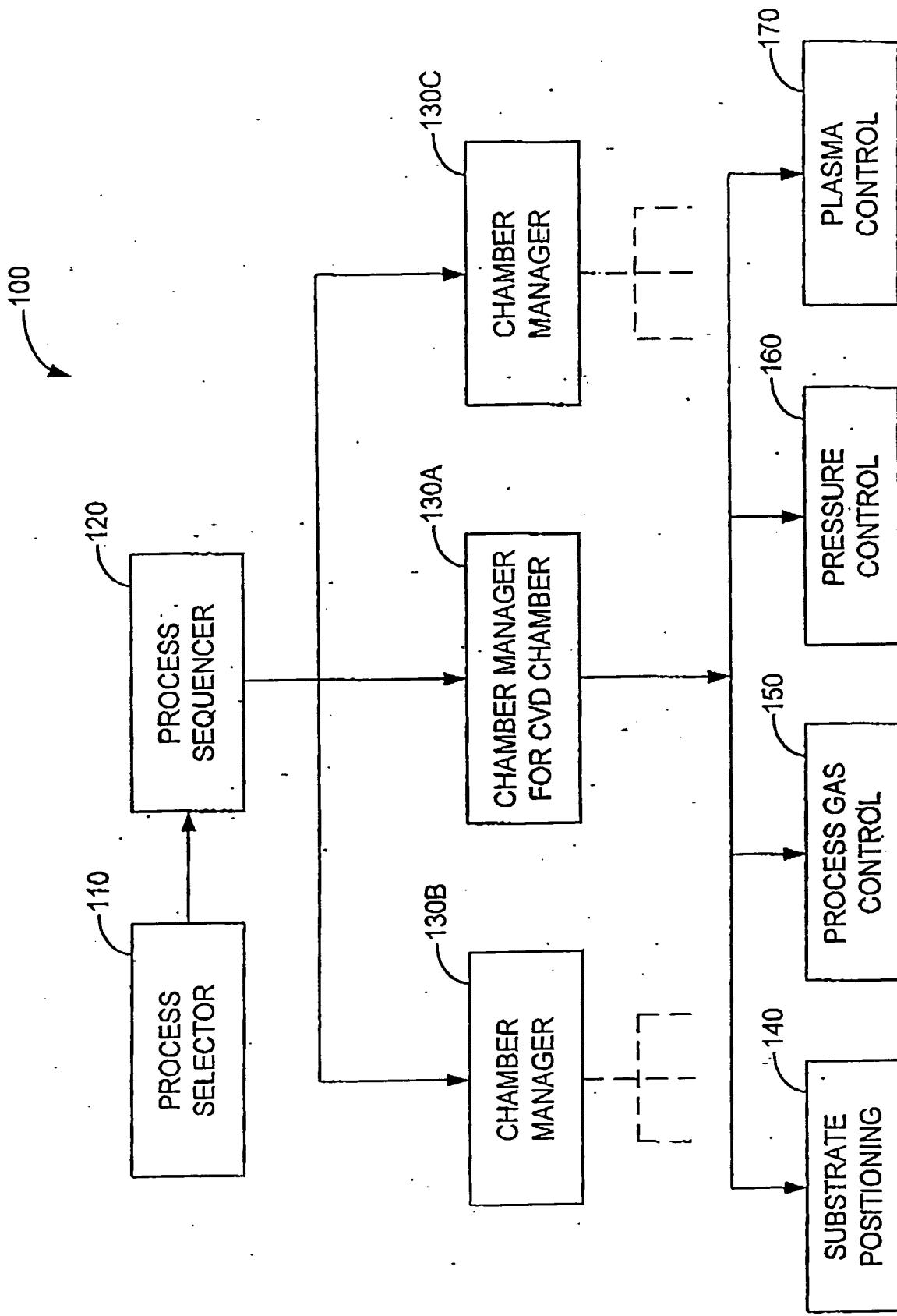
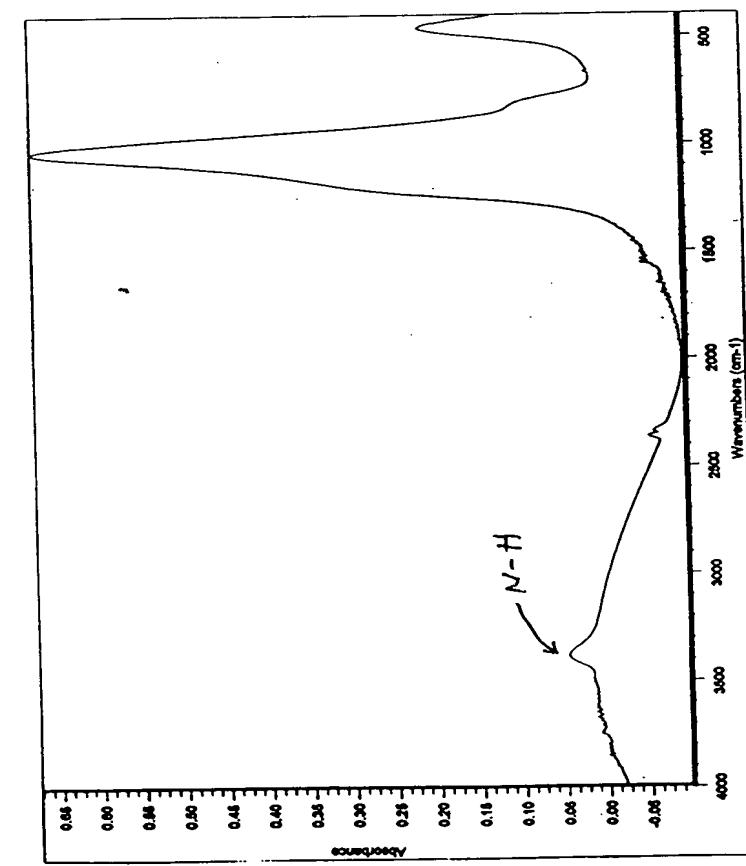


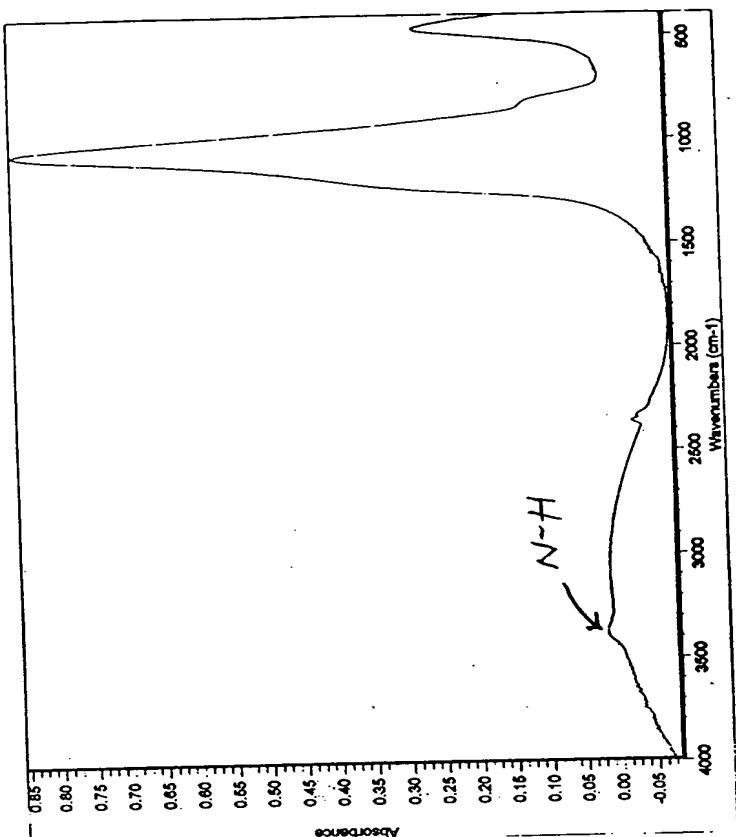
FIG. 10D

**RI = 1.57**



**PE CVD**

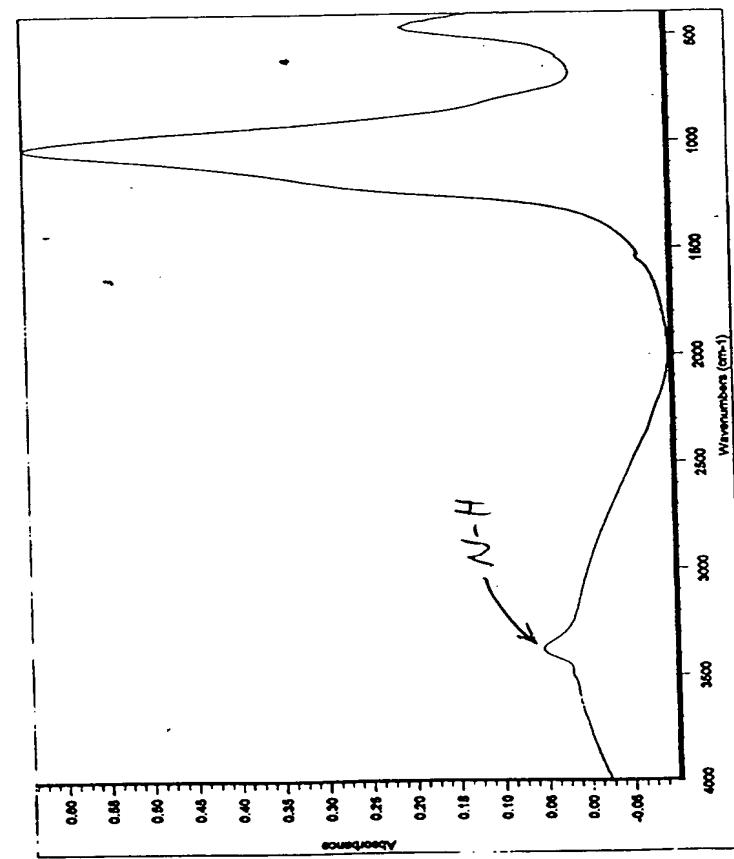
*Fig 11A*



**HDPP CVD**

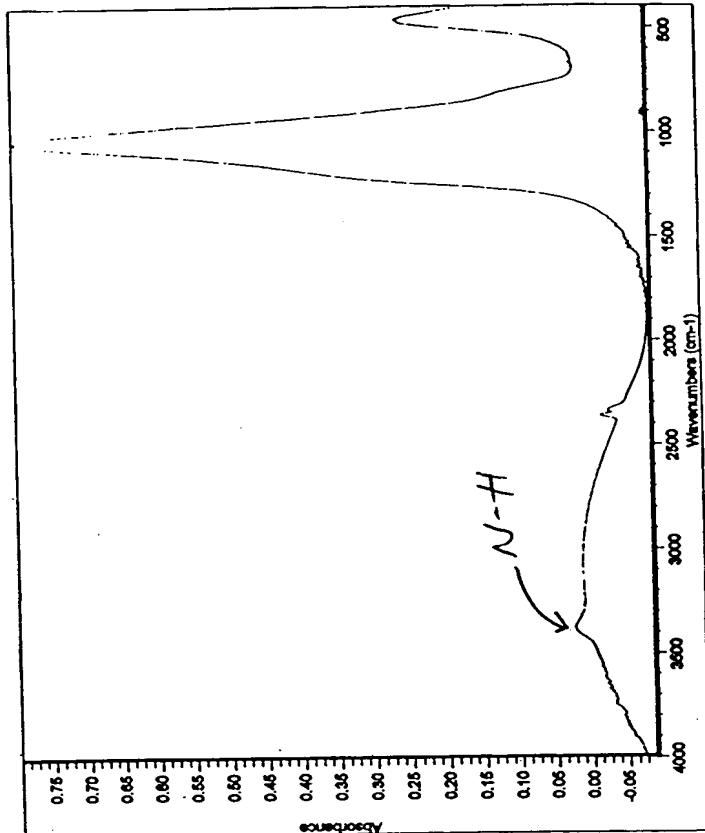
*Fig 11B*

**RI = 1.59**



**PE CVD**

Fig 11C



**HDP CVD**

Fig 11D

**RI = 1.61**

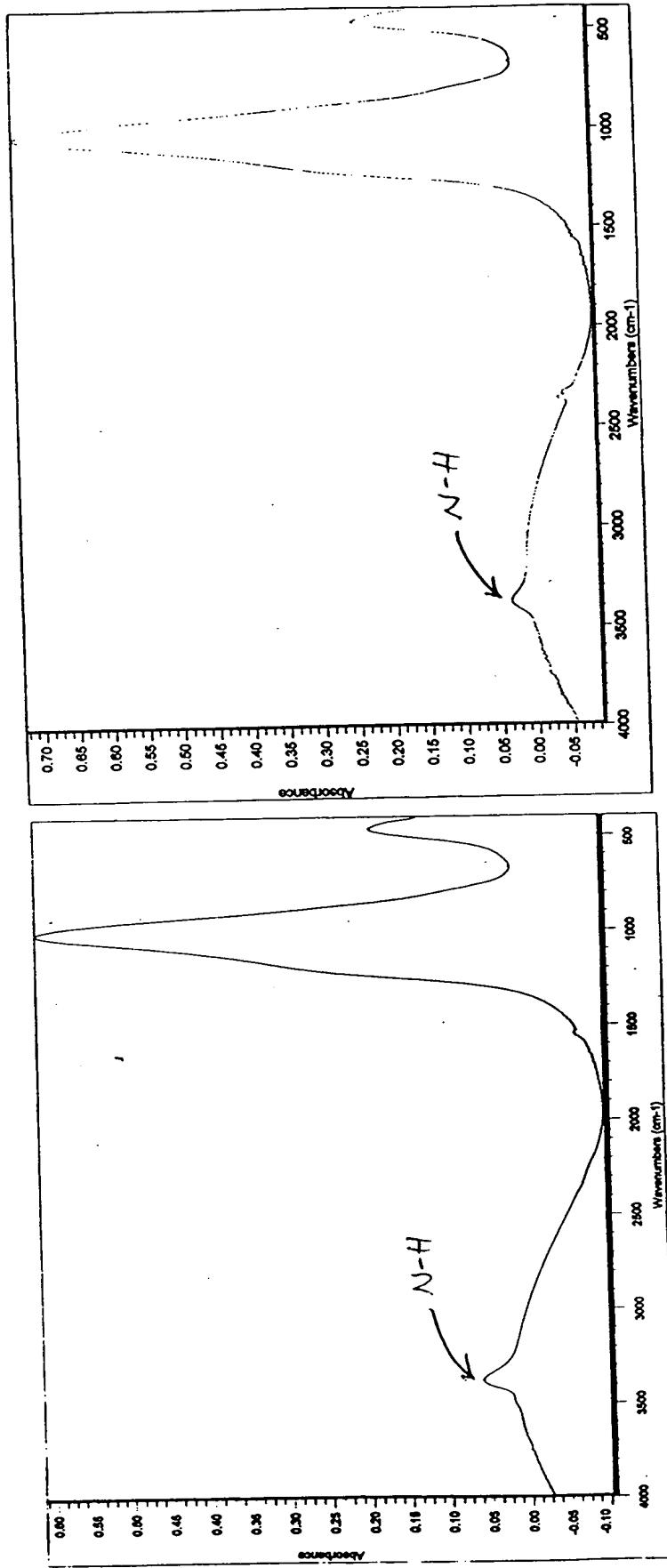
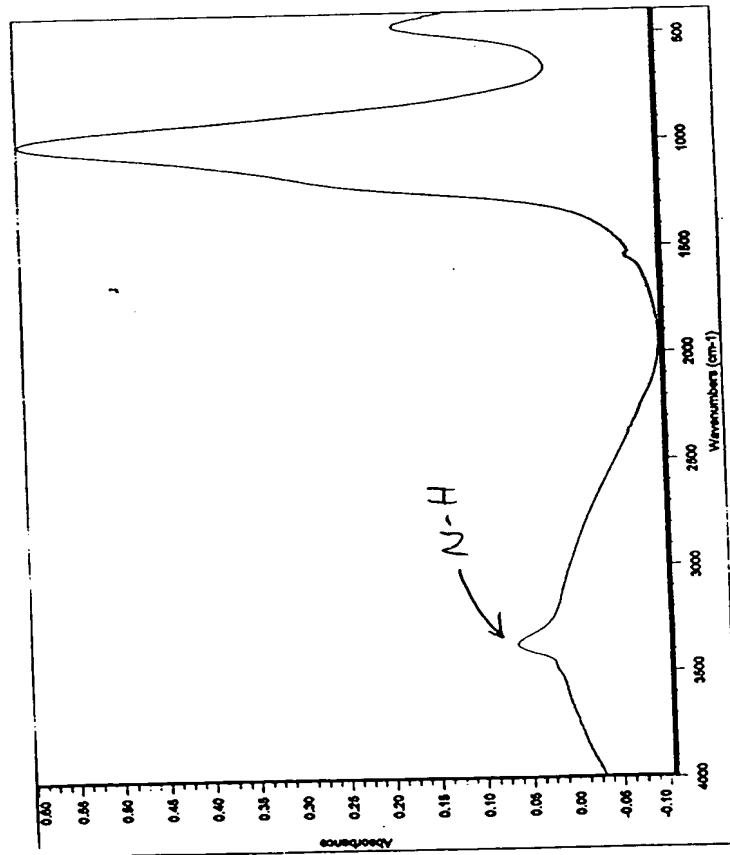


Fig 11E

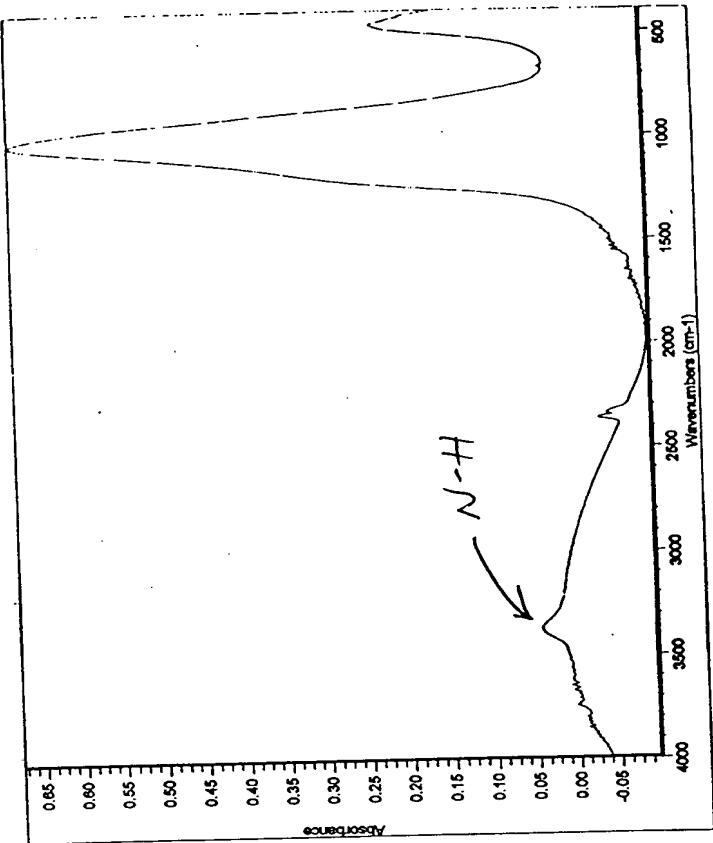
Fig 11F

**RI = 1.63**



**PE CVD**

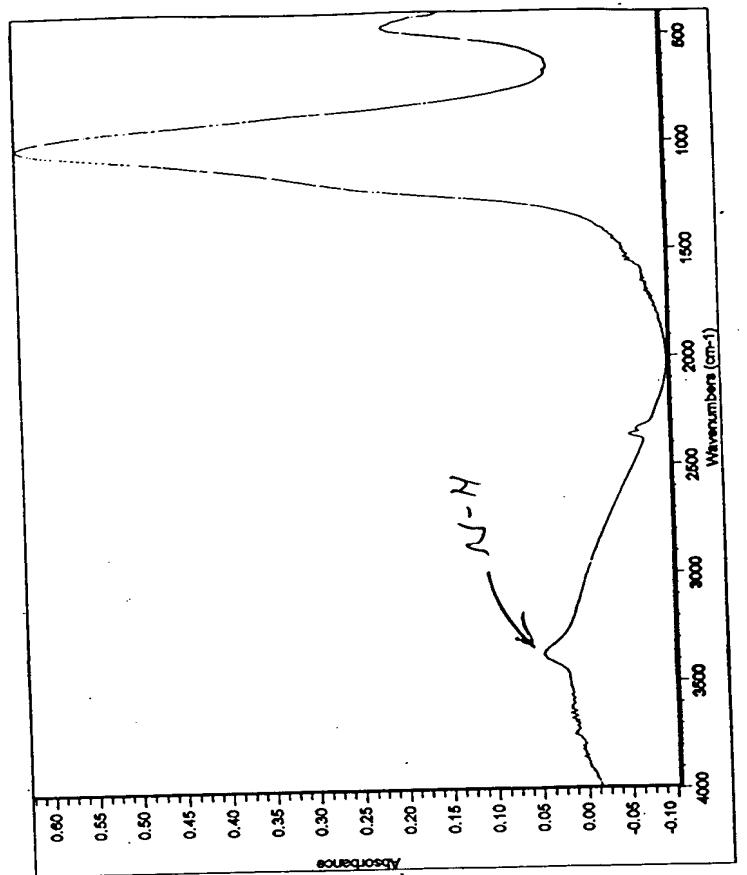
*Fig 11G*



**HDPE CVD**

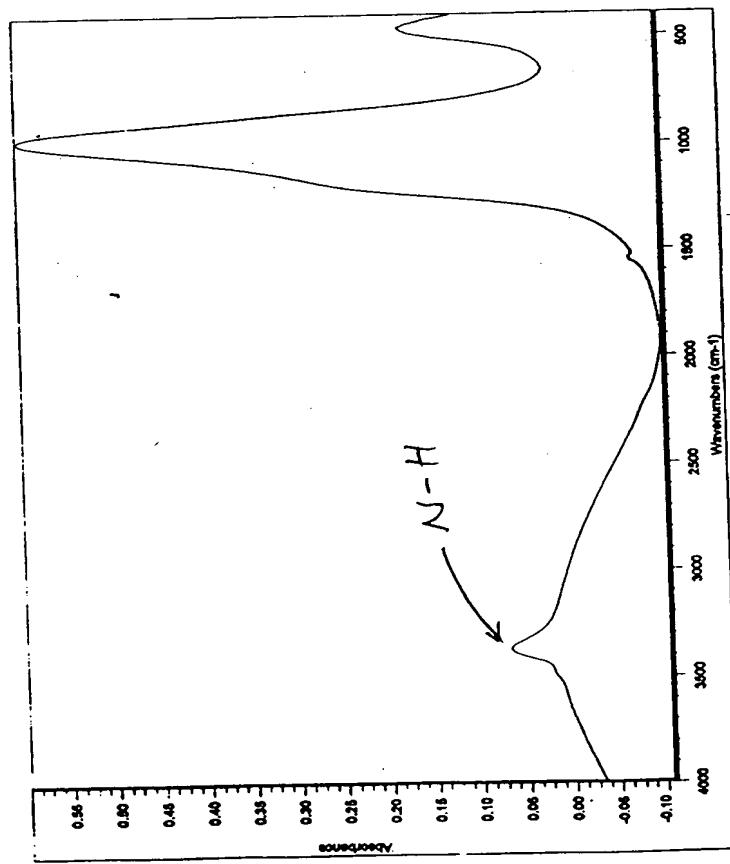
*Fig 11H*

**RI = 1.65**



**HDP CVD**

*Fig 11J*



**PE CVD**

*Fig 11I*

## HDP SiON RI=1.57

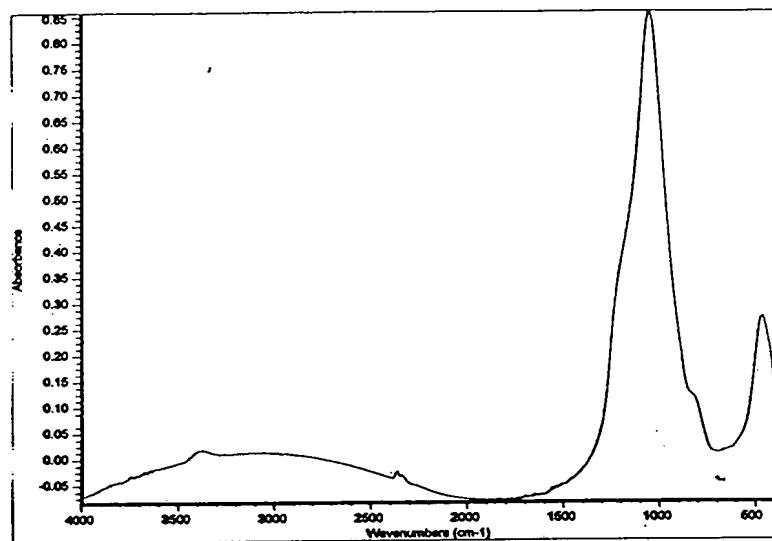


Fig 12A

## HDP SiON RI=1.57 (ANN)

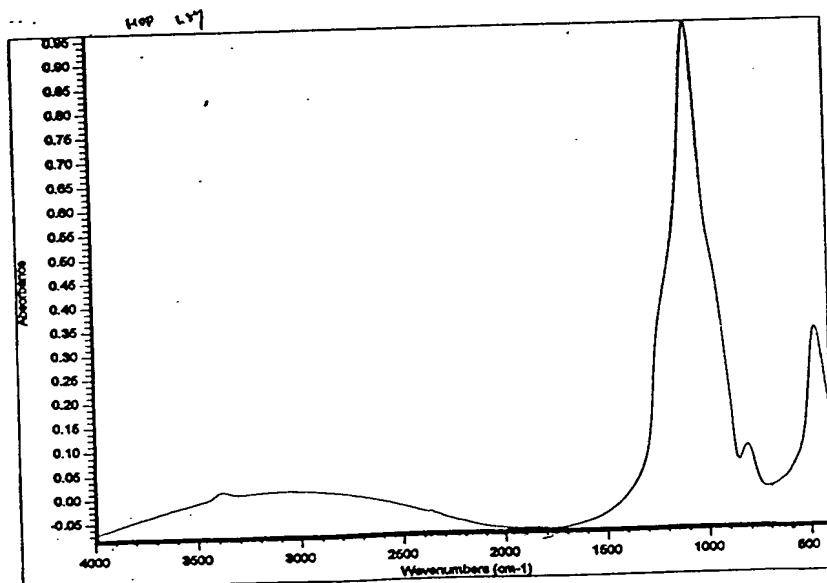


Fig 12B

## HDP SiON RI=1.59

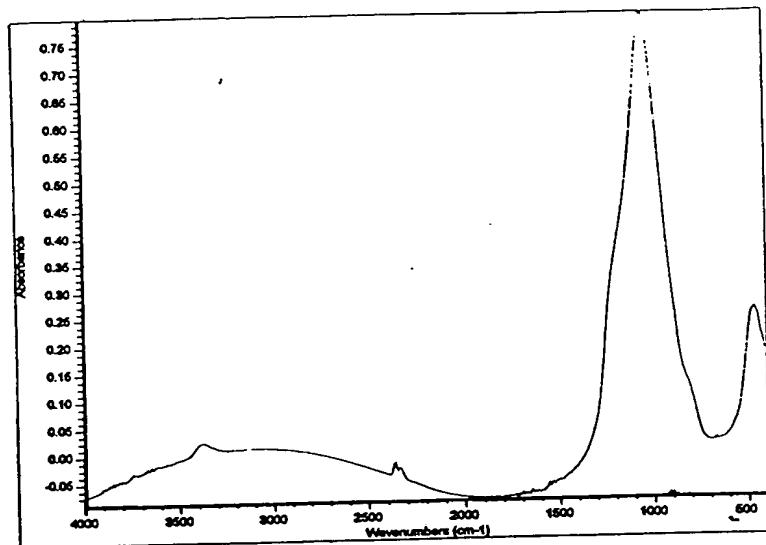


Fig 12C

## HDP SiON RI=1.59 (ANN)

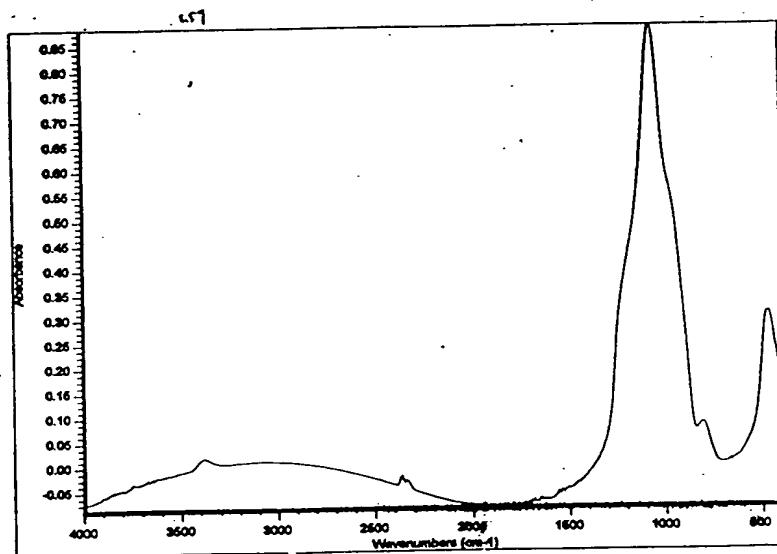


Fig 12D

## HDP SiON RI=1.61

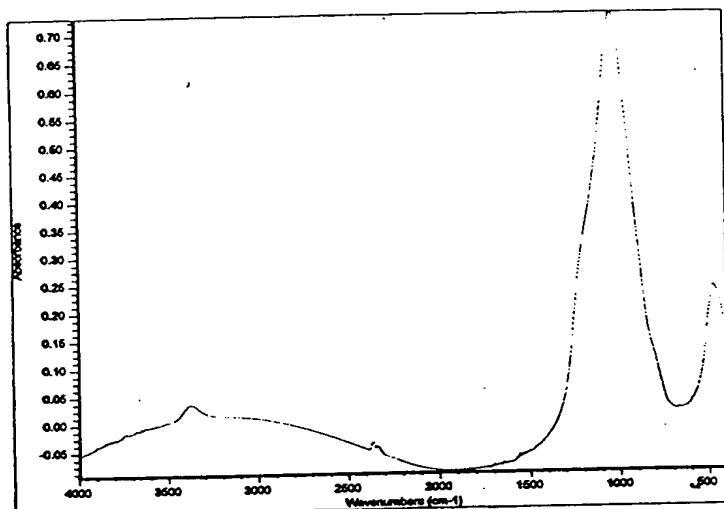


Fig 12E

## HDP SiON RI=1.61 (ANN)

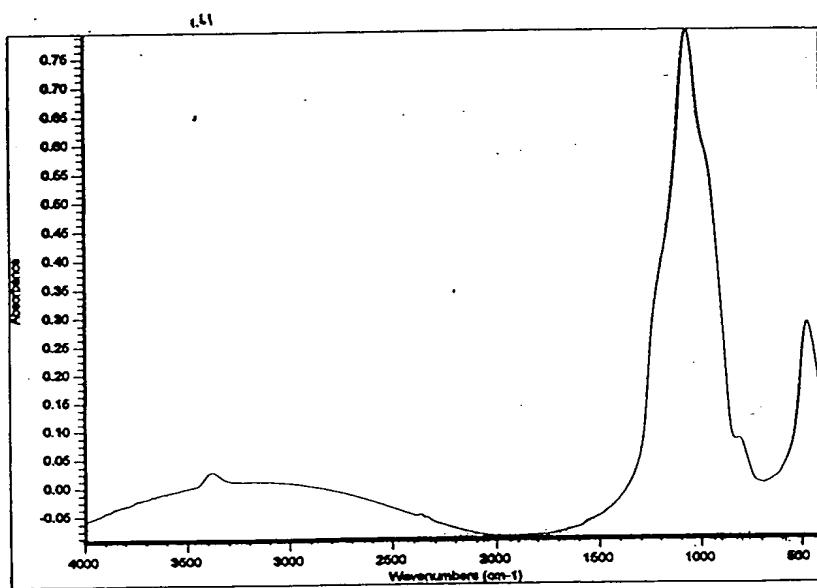


Fig 12F

## HDP SiON RI=1.63

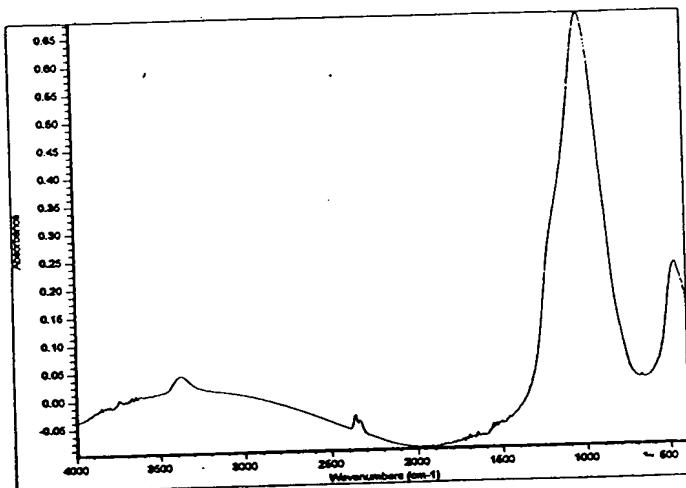


Fig 12G

## HDP SiON RI=1.63 (ANN)

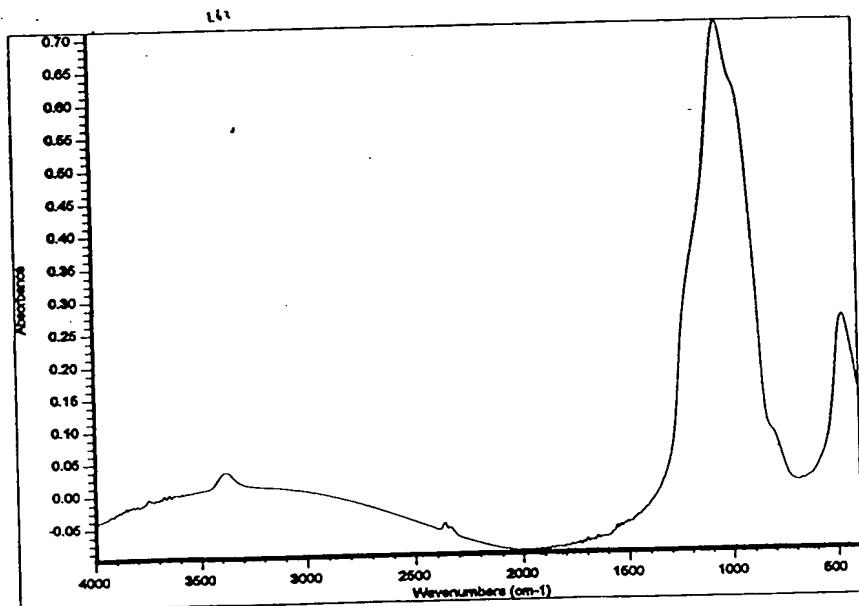


Fig 12H

## HDP SiON RI=1.65

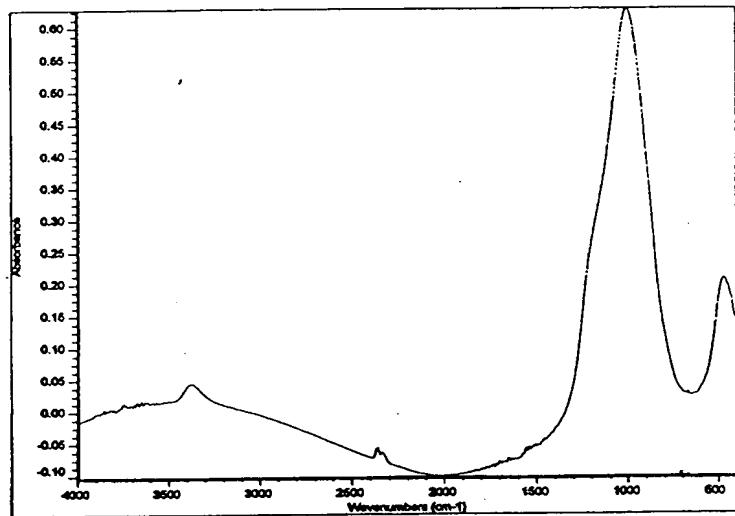


Fig 12I

## HDP SiON RI=1.65 (ANN)

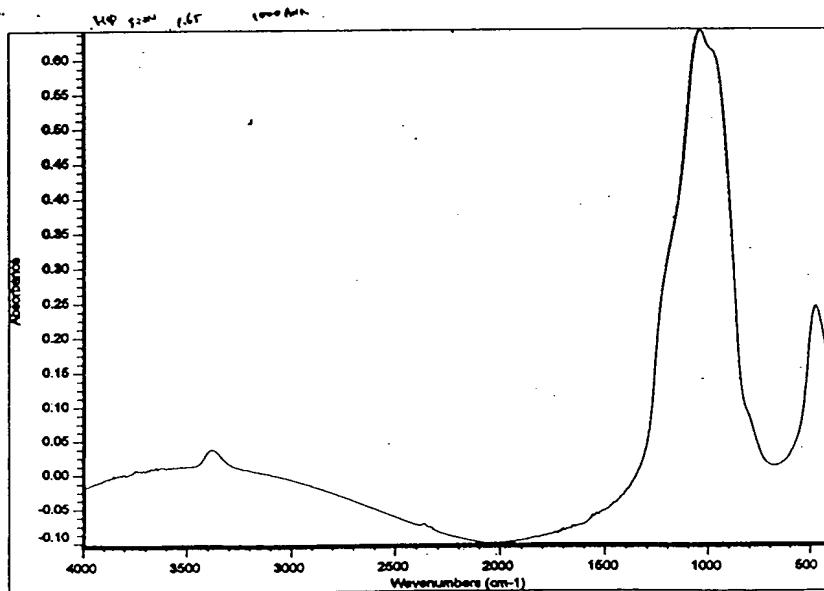


Fig 12J